

Application No.: 09/843,051
Amendment Dated: June 15, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) An implantable medical electrical lead for electrical stimulation of one or more sacral nerves of a human patient, comprising:

a lead body extending between proximal and distal lead ends;

a proximal connector disposed at or near the proximal end of the lead body;

a coil electrode;

an electrode connector, wherein the electrode connector is electrically and mechanically connected operably coupled to the coil electrode; and

at least one lead conductor extending between the proximal connector and the electrode connector,

wherein the coil electrode is disposed at or near a distal portion of the lead and is electrically connected to the lead conductor, the coil electrode comprising an elongated, flexible coiled wire extending between first and second coil ends, the distance between the first and second coil ends ranging between 0.10 inches and 1.50 inches, the coil electrode having an outer diameter in the range of about 0.5 millimeters to about 2.0 millimeters;

wherein the coil electrode possesses sufficient mechanical flexibility and sufficiently small diameter to permit the distal portion of the lead to be inserted through a foramen of the patient's sacrum into a position near or in operative relation with at least one of the patient's sacral nerves without damaging or causing physical trauma to the at least one sacral nerve as the distal portion of the lead is being implanted by a physician in proximity thereto or after implantation of the lead has occurred, the coil electrode being configured to provide electrical stimulation to the at least one sacral nerve in an amount and manner sufficient to provide therapy for a pelvic floor disorder to the patient.

Application No.: 09/843,051
Amendment Dated: June 15, 2005

2. (Currently amended) The implantable medical electrical lead of Claim 1, wherein the coil electrode and the electrode connector are electrically and mechanically ~~operatively~~ connected to one another in an annular connection zone.
3. (Previously presented) The implantable medical electrical lead of Claim 1, wherein the coil electrode and the electrode connector are butt-welded together.
4. (Previously presented) The implantable medical electrical lead of Claim 1, wherein the coil electrode and the electrode connector are adhered together.
5. Cancelled
6. Cancelled
7. Cancelled
8. (Previously presented) The implantable electrical medical lead of Claim 1, wherein the coil electrode and the electrode connector have substantially common outer diameters and inner diameters and are axially aligned and coupled together in an annular connection zone.
9. (Previously presented) The implantable medical electrical lead of Claim 1, wherein the coil electrode and the electrode connector have substantially common outer diameters and inner diameters and are axially aligned and butt-welded together in an annular connection zone.
10. (Previously presented) The implantable medical electrical lead of Claim 1, wherein the coil electrode and the electrode connector have substantially common outer diameters and inner diameters and are axially aligned and adhered together in an annular connection zone.
11. (Previously presented) The implantable medical electrical lead of Claim 1, wherein the electrode connector is ring-shaped.

Application No.: 09/843,051
Amendment Dated: June 15, 2005

12. (Previously presented) The implantable medical electrical lead of Claim 1, wherein a ring-shaped electrode is positioned distal from the coil electrode.
13. (Previously presented) The implantable medical electrical lead of Claim 1, wherein a ring-shaped electrode is positioned proximal from the coil electrode.
14. Cancelled
15. Cancelled
16. Cancelled
17. Cancelled
18. Cancelled
19. Cancelled
20. Cancelled
21. (Currently amended) A method of stimulating a sacral nerve with an implantable medical electrical lead, the lead comprising:
a lead body extending between proximal and distal lead ends;
a proximal connector disposed at or near the proximal end of the lead body;
a coil electrode;
an electrode connector, wherein the electrode connector is electrically and mechanically connected to the coil electrode; and
at least one lead conductor extending between the connector and the coil electrode, the coil electrode being disposed at or near a distal portion of the lead and being electrically

Application No.: 09/843,051
Amendment Dated: June 15, 2005

connected to the lead conductor, the coil electrode comprising an elongated, flexible coiled wire extending between first and second coil ends, the distance between the first and second coil ends ranging between 0.10 inches and 1.50 inches, the coil electrode having an outer diameter in the range of about 0.5 millimeters to about 2.0 millimeters,

the method comprising:

locating the coil electrode in proximity to the sacral nerve; and
stimulating the sacral nerve via the coil electrode.